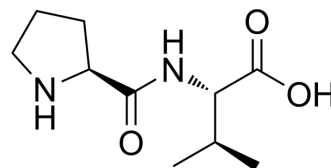


H-Pro-Val-OH

Cat. No.:	HY-P4566
CAS No.:	52899-09-9
Molecular Formula:	C ₁₀ H ₁₈ N ₂ O ₃
Molecular Weight:	214.26
Sequence:	Pro-Val
Sequence Shortening:	PV
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

H-Pro-Val-OH is a deprotonation dipeptide containing proline, which can catalyze the Michael addition reaction of acetone to trans- β -nitrostyrene. H-Pro Val OH can also serve as a substrate for fibroblast enzymes and prolinase, and has potential applications in biochemical analysis^{[1][2][3][4]}.

REFERENCES

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- [2]. Davie EA, et al. Asymmetric catalysis mediated by synthetic peptides. *Chem Rev.* 2007 Dec;107(12):5759-812.
- [3]. Uramatsu M, et al. Different effects of sulfur amino acids on prolidase and prolinase activity in normal and prolidase-deficient human erythrocytes. *Clin Chim Acta.* 2007 Jan;375(1-2):129-35.
- [4]. Myara I, et al. Determination of prolinase activity in plasma. Application to liver disease and its relation with prolidase activity. *Clin Biochem.* 1985 Aug;18(4):220-3.

Caution: Product has not been fully validated for medical applications. For research use only.

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